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TYPE I PROGRESS REPORT, PERIOD ENDING October 31, 1972

METEOROLOGICAL UTILITY OF HIGH RESOLUTION
MULTI-SPECTRAL DATA

Contract #NAS 5-21741

Principal Investigator: J. Danko #PR 324

I. Accomplishments

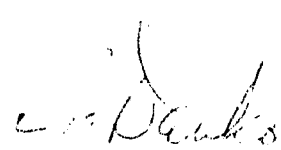
A set of 12 MSS images ordered on August 29 was received on October 2. Of these twelve, two were suitable for the experiment and have been processed to produce degraded imagery with resolutions of 0.14, 0.28, and 0.56 n.mi.

II. Operational Changes Recommended

It is apparent that the only efficient way of obtaining useable images is by actually viewing the ERTS images and selecting those most suitable for the experiment. For this reason microfilm catalogues have been ordered and will be used when received, (except for the first 18 day cycle, microfilm catalogues have not been produced by NDPF) to select those images to be processed.

III. Planned Activities

Now that NOAA II (ITOS D) is in orbit, VHRR data will be used to support this experiment. The orbits of ERTS I and NOAA II are such that simultaneous views of the same area can be obtained from the MSS and the VHRR. The Data Analysis Plan will be submitted with the first Type II Progress Report on November 20, 1972.


J. Danko
Principal Investigator
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